MEETINGS OF SCIENTIFIC BODIES

Held during the ensuing week.

TUESDAY, May 15th.—Institution of Civil Engineers, 8 p.m.

WEDNESDAY, 16th.—Society of Arts, 8 p.m.

THURSDAY, 17th.—Society of Antiquaries, 8 p.m.

TO CORRESPONDENTS.

Received.—"J. B.," Brewer-street (there are no lectures going on now at the Society of British Artists), "C. D.," "W. T.," "Subscriber from the First" (expenses in laying first stone should be paid by the employer), "T. H. L.," "A Thinker," "Spec.," "J. D., Newark (we are led to believe such an appeal would not be agreeable to the parties), "R. F." "C. W. G." "Cosmopolitan" (we are unable to comply), "E. A.," "M. P.," "A Baronet," "S.," "J. J.," "C. N.," "H. B." (Paddington). Mr. John Tombs, of Millbank, requests us to state that it was he who tendered for Brentford Market-house.

"Books, Prices, and Addresses."—We have not time to point out books or find addresses.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the EDITOR, and not to the Publisher.

ADVERTISEMENTS.

ARCHITECTS', BUILDERS', and GENERAL FIRE and LIFE INSURANCE COMPANY,
Or, Lombard-street, London.

CHAIRMAN, SYDNEY PERKINS, Esq., A.R.A.

TRUSTEES.

T. L. Donaldson, Esq.	A. Salvin, Esq., F.R.A.
S. Grimaldi, Esq.	G. Smith, Esq., F.R.A.

The rates for both Fire and Life Insurances are as low as can with safety be taken. Those for Life Insurance may be paid either yearly, half-yearly, or quarterly; one-half the annual premium may be left unpaid for seven years, or one-third to the end of life. Thus large sums may be insured at the smallest present outlay.

Prospectuses, forms of proposals, &c., may be had at the Office, 69, Lombard-street, or of the agents.

JOHN REDDISH, Manager

LONDON ASSURANCE CORPORATION established by Royal Charter in the Reign of King George the First, for LIFE, FIRE, and MARINE INSURANCES.

Offices:—7, ROYAL EXCHANGE, CORNHILL, and 10, REGENT-STREET.

The expenses of managing the Life Department are defrayed by the Corporation, and not taken from the Premium Fund. Profits are added as a bonus to Policies, or paid in cash, or applied in abatement of the Annual Premiums.

The assured are exempt from all liability of partnership.

Low fixed rate without participation in profits.

Parties proceeding out of the limits of Europe are liberally treated.

FIRE INSURANCE on every description of property at moderate rates, and MARINE INSURANCE at the current premiums.

Prospectuses free on personal or written application.

JOHN LAURENCE, Secretary.

CLERICAL, MEDICAL, and GENERAL LIFE ASSURANCE SOCIETY.

ESTABLISHED BY SPECIAL ACT OF PARLIAMENT.

Presented at the Annual General Meeting, held at the Society's Offices, on Thursday, March 1st, 1860.

The Directors have to report, for the information of the Proprietors, that the number of Policies issued within the year ending June 30th inst. was 457; that the sum assured thereby was £91,914; and that the new premiums received thereon amounted to £3,338.

The income of the Society, which had reached £18,962 in the year ending June 30th, 1867, has increased to £27,345 during the past year.

This increase will appear the more important when it is stated that the sum of £4,000 has been realised on policies which have been forfeited, lapsed, or purchased during the year, being the largest sum realised under that head in any one year since the commencement of the Society.

Tables of rates and forms of proposal can be obtained of any of the Society's agents, or by addressing a letter to

GEORGE H. PINCKARD, Resident Secretary.

No. 99, Great Russell-street, Bloomsbury, London.

FAMILY ENDOWMENT, LIFE ASSURANCE AND ANNUITY SOCIETY.

13, Chatham-place, Blackfriars, London.

CAPITAL, £500,000.

DIRECTORS.

WM. BUTTERWORTH BAYLEY, Esq., Chairman.
JOHN FULLER, Esq., Deputy-Chairman.

Lewis Harrington, Esq.	Edward Lee, Esq.
Robert Bruce Chichester, Esq.	Colonel Ouseley.
H. R. Henderson, Esq.	Major Turner.
C. H. Labouchere, Esq.	Joshua Walker, Esq.

BONUS.

Thirty per cent. Bonus was added to the Society's Policies on the profit scale in 1861. The next valuation will be in January, 1868.

ANNUAL SUBSCRIPTIONS WITH PROFITS.

Age 25	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60	Age 65
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1 17 8	2 5 11	2 9 7	2 13 9	2 18 5	3 3 10	3 10 5	3 18 8

Annuities of all kinds, on good nominations for Children, are granted by the Society.

The usual commission allowed to Solicitors and others

INDIA.

The Society also grants Policies to parties proceeding to or residing in India, at lower rates than any other office; also Deferred Annuities and endowments, accurately and economically framed to meet the periods of service, and add to the retiring pensions of the Civil and Military Officers of India.

Tables, &c., to be had at the Society's Office in London, or at the Office in Calcutta.

JOHN CAZENOVE, Secretary.

JORDAN'S PATENT MACHINE CARVING and MOULDING WORKS for WOOD and STONE, Belvedere-road, Lambeth, and 154, Strand.—TAYLOR, WILLIAMS, and JORDAN beg to call the attention of the building community to a new feature of their establishment, and, at the same time, to thank their numerous patrons and friends for the very liberal support they have lately experienced, which, they assure them and the public, it will be their constant endeavour to deserve, by giving their customers an increasing share of the advantages arising from the constant improvements in the machinery which they have just succeeded in applying to the production of the most intricate carving in Caen and other freestones, and in stationary marble.

T., W., and J. particularly solicit the attention of architects and builders to the fact that, by the use of the machinery, a very large saving, both of time and money, is effected.—So great, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in cement, while their wood-carving will, in some cases, be found to come into close competition with the best kinds of composition ornament.—For prices and estimates apply at 154, Strand.

TESTIMONIAL FROM CHARLES BARRY, ESQ.

"Westminster, May 14th, 1864.

"Gentlemen,—In reply to your letter requesting my opinion of your patent Carving Machinery, I have much pleasure in stating, from an experience of more than five years, in its application to the production of the wood carvings of the House of Peers, and other apartments of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it in 1858 to her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, yours faithfully,

"CHARLES BARRY."

"Messrs. Taylor, Williams, and Jordan."

SURVEYING, ARCHITECTURE, ENGINEERING, &c., TAUGHT in all their branches on the most approved principle, in a short Course of Practical Lessons, by Messrs. HYDE, SMITH, and LEWIS, Civil Engineers, Architects, Surveyors, &c., of extensive practice, who are preparing Gentlemen for Surveyors' Licentiates, Engineers, Architects, Builders, Draughtsmen, Measurers, and Valuers of Land, Timber, Building, Artificers' Work, &c. Proficiency guaranteed. Terms still perfect, very moderate. For prospectuses, &c., apply at the offices, 24, Guilford-street, Russell-square, London.

N.B. Steady and clever people may be introduced to employment.

MARTIN'S PATENT FIRE-PROOF and ORNAMENTAL CEMENT—REDUCTION of PRICE.—The Patentees beg to inform their Friends and the Public that they have made arrangements which enable them to offer this invaluable material at a considerably reduced price. It has now been before the public so many years, and has obtained such a high standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. The Patentees, however, feel necessary to observe, that by the application of a comparatively small surface which a given quantity will cover, and the small amount of labour required in working it, a saving of 25 to 30 per cent is effected as compared with other cements for internal use. Specimens showing its beauty, hardness, and applicability to all plain and ornamental purposes, may be seen; and the cement in any quantity obtained of the Patentees, Messrs. STEVENS and MARTIN, at their Plaster and Cement Works, 180, Drury-lane, London.—Agent for Liverpool

Mr. GEORGE NEWTON, No. 6, Lawton-street, Saint-street.

JOHN'S and Co. PATENT STUCCO CEMENT and PAINT.—These materials, for their beauty, durability, impermeableness, perfect resistance to frost or heat, and great cheapness, fully justify the confidence reposed in them, as shown by numerous testimonials. For INTERIOR SURFACES this cement possesses the following remarkable properties, namely, caustic qualities, it may be painted on or papered within a few days after its application, and a new house may thus be rendered habitable without any delay. It never blisters, cracks, or vegetates; every description is hard as stone, and may be cleaned with a brush and water.—Prospectuses, specimens, and every information connected with its use, price, &c., may be obtained from the sole agent, PHILIP HAKE, at the Warehouse, 31, Mead-yard, Upper Thames-street.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to Nos. 256, page 491; and also Nos. 264 and 265, pages 343 and 351 of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years to the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, crystalise, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition, and refer, as above, to Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agents at the Depôt, 1, Back Gorse, Liverpool.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost, and when used as a stucco it does not vegetate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brick work, it requires four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior cementing power, combined with its eminently hydraulic properties, point out that as the finest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufacturers—J. B. WHITE and SON, Millbank-street, Westminster, and 30, Seel-street, Liverpool.

KEENE'S PATENT MARBLE CEMENT forms an exceedingly hard and indestructible Stucco, which may either be prepared for paint, or finished in imitation of stone, by the addition of Portland or other stone dust.

It is a cheap and efficient substitute in place of wood for skirting, dressings, and other mouldings, in its application for which purposes it checks the progress of Fire and the attacks of Termites. Specimens and sole Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster, and Seel-street, Liverpool.

ROMAN CEMENT, made according to the specification of Parker's Patent, may be had genuine of J. M. BLANDFIELD (late Wyatt, Parker, and Co.), Waterloo Dock Wharf, Commercial-road, Lambeth, S.E., Broncare Wharf, Paddington, and at the Manufactory, Mill Wall, Poplar. Also Plaster, Mastic, Terras, Bricks, Tiles, &c.

VEINED AND SICILIAN MARBLE

In Scantlings and Slabs of the first quality, just imported.

PARIAN CEMENT, for internal Stucco, instead of PLASTER OF PARIS, may be painted and papered within twenty hours of its application on the lath and plaster walls; and rooms may be rendered habitable by its use before the materials commonly adopted would begin to dry. It is worked without the slightest difficulty. A finer quality is also prepared for ornamental plastering, for encaustic painting, &c. &c. Specimens of which may be seen at the Manufactory of the Patentees, CHAS. FRANCIS and SONS, Cement Works, Stone Elms, London.

WARWICKSHIRE CEMENT.—To Architects, Engineers, Contractors, and Builders.—M. GREAVES solicits the notice of the Profession and Trade to the very superior CEMENT he is now manufacturing at his Works, Rowland's Castle, Hants, and Southam: "Warwickshire" resembling "Caen" stone, and the "Improved" a dark Grit of the "Bath," both of which will be found unequalled, especially for hydraulic purposes.

GROUND LIAS LIME FOR CONCRETE, &c.

N.B. Glazed Stone-Ware Pipes on sale.

To be had at Messrs. Nutty and Verry, 5, South Wharf, Paddington, and at Messrs. Gladdish's, Pedlar's Acre, Lambeth, and Pratt's Wharf, Camden Town.

AGENTS—Manchester—J. Thompson, Bank King street; Liverpool—T. Wylie, 31, Gloucester-street; Belfast—W. and F. Lewis; Glasgow—W. Brown, 144, Broomielaw; Oxford—E. Dyer, Canal Wharf; Chester—J. Harrison, Linenhall-street; Worcester—F. Bradley, Bottle; Evesham—H. Burlingham and Co.; Birmingham—J. Bonehill, Berkley street.

EMERSON'S PATENT LIQUID CEMENT is ready for use as simple as its application, and only ONE-EIGHTH the cost of oil paint; for beauty it is pre-eminent over all other materials used on the fronts of houses, giving the exact appearance of FINE CUT STONE; can be used as cement from Roman cement or other plastering; is particularly calculated for country houses, villas, or gate entrances that have become soiled or dingy, which can be beautified in any weather at a trifling cost.—Sold in casks of 1, 2, and 3 cwt., at 9d. the gallon.

PATENT MINERAL PAINT,

Applicable as a coating for SHIPS' SIDES AND BOTTOMS, all kinds of WOOD or METAL work, roofing felts, leaky roofs, spouts and gutters, doors, sheds, railing, and all kinds of out-door work, and being perfectly waterproof, will preserve their surfaces from atmospheric influence and decay.—requires no preparation, and will dry in a few hours.—Sold in casks, 9 to 20 gallons. Brilliant Black, 1s. Rich Brown, 1s. 6d. per gallon.

BELL, BEAM, and Co., No. 16, Basing-lane, Cheapside.

PAINTING WITHOUT SMELL; a fact accomplished by the use of the newly-discovered SWEET OIL of TURPENTINE, instead of the deadly abominable called oil of spirits of turpentine. Paint mixed with it is free from smell, is improved in brilliancy of colour, and the baneful properties of the lead being neutralized, does not emit those noxious exhalations which have hitherto been so universally associated with painting. By this small variation of recovery houses painting is now converted into a sanitary operation, that may be effected at any season of the year, being productive of health and comfort, without causing the slightest derangement to the domestic economy. Sold by the gallon, cwt., or ton, by every respectable oilman in the kingdom, and at the depôt, 1, Broad's buildings, Chancery lane, where may be seen, and copies had of, the original certificates of Dr. Barry, a senior member of the College of Chemistry. Sold also in sample bottles, 1s. and 2s. each, bottles included.

PAVING, 2s. 9d. PER SQUARE YARD, Basements, foot-walks, Malt-houses, Corn Stores, Floors of Warehouses, and every description of Pavement laid down at the above low price, and the work guaranteed.—Apply to JOHN PILKINGTON, PHILONCEAUX BITUMEN PAVEMENT OFFICE, 4, JOHN STREET, ADELPHI.—N.B. Cemetery Areas and Railway Approaches and Contractors supplied with the best bitumen for covering bridges and arches.

ANSTON STONE, used for Building the New Houses of Parliament.—W. WRIGHT and Co. beg to inform Architects, Engineers, Builders, and others the Anston Stone can be supplied in any quantity on the shortest notice. This valuable stone, so celebrated for its durability, colour, and texture, is well known, having been selected in preference to all others, by the Commissioners of Woods and Forests, for building the New Houses of Parliament. It is very superior for Monumental Tombs, &c. &c.

W. Wright and Co. have made arrangements to have a stock always on hand at Robert's Marble and Stone Wharf, Horsefall-basin, Maiden-lane, King's-cross.—Any further information can be obtained on application to W. WRIGHT and Co., Anston, near Sheffield; or to T. BILLAM, their Sole Agent in London, 37, Burton-crescent.

CAEN STONE SPECIALLY SELECTED for EXTERNAL WORKS.—LUARD, BEDDIAR, and Co., extensive Importers of CAEN STONE QUARRIES, Ardmarne Calvados Department, beg to solicit inspection of their Caen Stone for external and internal works. They continue their importations of the first quality, carefully selected and marked at the quarries before removal to the place of shipment for export.

L., B., and Co. have on hand a large stock of the best quarried stone, at their general Depôt, Caen Sufferance Wharf, Rotherhithe; and also at Vauxhall bridge, Battle bridge, Kensington and Paddington Basins, where samples and information may be obtained; or at their offices, 3, Whitehall-yard, Spring-gardens, S.W., forwarded by post upon application, without charge or delay.—Shipments made direct from Caen to any part of the United Kingdom.

CAEN AND AUBIGNY STONE QUARRIES.—LUARD, BEDDIAR, and Co., beg to inform Architects, Architects, Engineers, the Build ng Committee, and the public generally, that they are importing the above stone from their quarries at D'Allemagne (Calvados department, being the most approved of any now known; and also from Aubigny, near Falaise, Normandy, and from the increasing exports of Caen Stone, they are enabled their efforts in selection are becoming extensively known, and from the general adaptation of Aubigny, they are counted of its great utility. Aubigny is much finer than Portland, in colour and texture, and free from shell, flints, and other obstruction in working, and its durability can be ascertained from its appropriation to its numerous docks, and many existing, the Royal Chateaux in Normandy, and other public buildings of many centuries standing.

L. B. and Co. have a large and assorted stock of the above at their general Depôt, Caen Sufferance Wharf, Rotherhithe; near the Lavender Dock Dep't; also at Messrs. BRINL, BRETHERIDGE, Battle-bridge; No. 3, Paddington basin; Vauxhall bridge; and Kensington basin.—Orders executed with dispatch in any part of the United Kingdom.—Offices, 3, Whitehall-yard, Spring-gardens, Borough; and Caen Wharf 179, Rotherhithe street, Rotherhithe.

CAEN STONE.—Original Sufferance Depôt, Norway Wharf, Greenwich.—W. TUCKWELL, Caen Stone Quarry Proprietor and Importer, begs to intimate the attention of Architects, Surveyors, Builders, and others to the Stock of DRY SEASONED CAEN STONE on the Wharf, comprising 2,000 first cuts, which has been selected with the utmost care, and is fit for immediate use. Shipments made to any part of the kingdom from his quarries at Caen.

N.B. Orders received at the wharf as above; also at the offices of Mr. R. A. WITHALL, Surveyor, &c., Chesapside, where further information and samples may be obtained.

BATH STONE.—RANDELL and SAUNDERS, QUARRYMEN and STONE MERCHANTS. The most approved kinds of Bath Freestone supplied to all parts of the kingdom. Depôts at the Great Western Railway Stations, PADDINGTON, CORSHAM, and BATH, and at Limpley Stoke, Somerset, particularly invite the attention of Architects and Builders to their Rockham Down stone, which is strong and sound in quality, is of beautiful colour and texture, and works much cheaper than any other stone. Prices, with cost of carriage to any locality specified, furnished on application to Randell and Saunders, 14, Orange-street, Bath.

PIMLICO SLATE WORKS.—GREAT REDUCTION IN THE PRICE OF SLATE!—Mr. MASWELL has the pleasure to announce that a reduced tariff will be published on the 25th instant, and forwarded, on receipt of a post-card, to all parts of the kingdom, of the following slates, viz.:—Blue slate, pissed 3 faces, with sawn edges, from 4 to 7 feet long, will be sold from 3d. per foot super. Ditto slate, from 3 to 4 feet long, will be sold from 2d. per foot super. Ditto slate, from 2 to 3 feet long, and such slate planed 3 faces, from 6d. to 9d. per foot super. Hammer-dressed chimney pieces, supremely marbled, hitherto priced at 20s. to 30s. will be sold from 12s. to 20s., outside for quantities from 3 feet 10 inches to 3 feet 1 inches wide; slate tanks, 3/4 per foot cube, outside measure on wharf.—or 3s. 6d. delivered and fixed. Other articles reduced in proportion.—N.B. The Essex slate from Maldon, Chelmsford, being of a still superior quality.

STIRLING'S BELVEDERE SLATE WORKS, Belvedere-road, Lambeth.—A reduced list of prices of the best WELCH SLATE SLABS, planed both sides, will be sent on application, post-paid, being made ready for immediate sale. The prices are under those usually asked for inferior Yorkshire stone.

SAMUEL CUNDY, Mason and Builder, PIMLICO MARBLE and STONE WORKS, Bridge Wharf, Pimlico, begs to call the ARCHITECTURAL PUBLIC that he has supplied himself with improved machinery, by means of which he is enabled to produce DOOR FRAMES, WINDOWS, MOULDINGS, PANNELS, &c. &c., at a very cheap rate, out of a superior stone from the west of England, as durable as any soft stone, and particularly hard.

S. C. has the conventional method of dressing the above stone over, which produces, by the action of the atmosphere, a surface of crystallin hardness, and improves the colour.

JOINTS from 8s. upwards. Specimens on view of the various styles.

Firm-use ARTISTS retained for SCULPTURED and CARVED Works.

Vein Marble Chimney-pieces of the best quality of material and workmanship, by imported machinery 40s.

Mosaic ditto from ..... 3l.

A variety on view in stock.

MEMORIAL CROSSES, MONUMENTS, TOMBS, HEADSTONES, &c. to every variety of design.

RESTORATION of CHURCHES. SAMUEL CUNDY having had much practice in this branch, is desirous of estimating for Restoration.

CLERKS of WORKS have their particular attention called to the above establishment. Coats of Arms, Decorated Pannels, and other enriched works, promptly executed.

Every description of Stone or Granite work prepared, ready for fixing.—Delivered to the various Railways, and carefully packed in trucks.—Pimlico Marble and Stone Works, Belgrave-road, Pimlico.

MARKET WHARF, REGENT'S-PARK BASIN.—Messrs. MARTIN and WATERHOUSE beg to call the attention of Builders to their stock of Portland, York, and Derby Stone; also Lias or Rugby Lime, Cement, Plaster, Bricks, Tiles, Lath, Iron-work, Doors, Sash, and Frames, Chimney-pieces, Grates, Paving, Hearthstones, Ledgers, Steps, Landings, &c., cut to order on the shortest notice. Tarpaulings for hire. A Stock of Northern Drain Pipes, Syphons, &c., always on hand. Water, Lime and Hair, Fuse Ball, &c.

TERRA-COTTA, or VITRIFIED STONE WORKS, King Edward-street, Westminster-road, London.—M. H. RICHARD, from late Coade's original Works, Belvedere-road, Lambeth, begs to inform the Nobility, Gentry, Architects, and Builders, that he has re-established the manufacture of that invaluable material, which has been successfully adopted by our eminent Architects and others, in the adornment of our noblest buildings, nearly for years has proved the imperishable nature of the material, the specimens of those times now exhibiting all their primitive sharpness.

Groups, statues, friezes, capitals, panelling, pinnacles, finials, terminals, Tudor, and other chimney shafts, balustrading, boss-tazzi, lions, lamas, vases, coats of arms, devices, and every description of architectural ornament, as prices in many instances nearly half the cost of stone.

Specimens of the material to be seen at the Office of "The Builder," 4, York-street, Covent Garden, and at the Works.